

RIF1 Rabbit pAb

CatalogNo: YN5065

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 272kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:1000-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human RIF1 AA range: 1428-1478

Specificity This antibody detects endogenous levels of human RIF1

Target Information

Gene name RIF1

Protein Name	Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog)		
	Organism	Gene ID	UniProt ID
	Human	55183 ;	Q5UIP0 ;
	Mouse	51869 ;	Q6PR54 ;
Cellular Localization	Nucleus . Chromosome . Chromosome, telomere . Cytoplasm, cytoskeleton, spindle . Following interaction with TP53BP1, recruited to sites of DNA damage, such as DSBs (By similarity). Exhibits ATM- and TP53BP1-dependent localization to uncapped or aberrant telomeres and to DNA double strand breaks (DSBs) (PubMed:15342490). Does not associate with normal telomere structures (PubMed:15342490, PubMed:15583028). Localizes to microtubules of the midzone of the mitotic spindle during anaphase, and to condensed chromosomes in telophase (PubMed:15583028). .		
Tissue specificity	Highly expressed in testis.		

| Validation Data

| Contact information

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